

*GP1764*

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

Applicant(s): Arthur W. Chester, et al.

Docket No.

10061-1

Serial No.  
09/144,607

Filing Date  
August 31, 1998



Examiner  
Preisch

Group Art Unit  
1764

Invention: GASOLINE SULFUR REDUCTION IN FLUID CATALYTIC CRACKING

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PATENT & TRADEMARK OFFICE

10061-1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#71A  
8/9/99  
Rm

Application of : Arthur W. Chester, et al.  
Serial No. : 09/144,607  
Filed : 31 August 1998  
For : GASOLINE SULFUR REDUCTION IN FLUID CATALYTIC  
CRACKING  
Group Art Unit: 1764  
Examiner : N. Preisch

AMENDMENT

Fairfax, Virginia 22037

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Please amend the claims of this application as set out below.

*Amend* claim 1 to read:

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1. (Amended) A method of reducing the sulfur content of a catalytically cracked petroleum fraction, which comprises catalytically cracking a petroleum feed fraction comprising a heavy hydrocarbon oil feed containing organosulfur compounds under catalytic cracking conditions of [at] elevated temperature in the presence of a cracking catalyst and a product sulfur reduction catalyst which comprises a porous molecular sieve having a metal component which is within the interior pore structure of the molecular sieve and which comprises a metal in an oxidation state greater than zero, to crack the heavy hydrocarbon feed to lighter [produce] liquid cracking products of reduced sulfur content.

*Amend* claim 11 to read:

11. (Amended) In a fluid catalytic cracking process in which a heavy hydrocarbon oil feed comprising organosulfur compounds is catalytically cracked to lighter products by

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